APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Thermochemical Treatment for Control of Smut in Wheat and Barley, by A.Solovyov, P. Polyakov.
RUSSIAN, per, Sel.Semi-Ge.s. Imeni, Vol. 19,1952,
pp 78-80.
MMMIR/Ref. No. 669

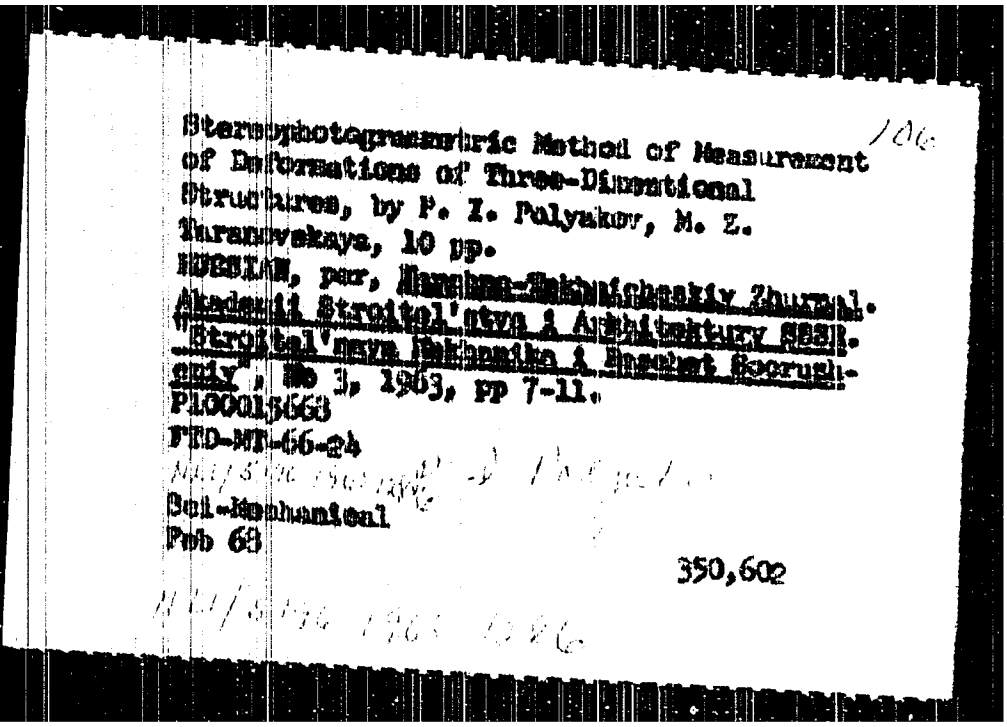
P. POLYAKOV

Sol -
July 1967

333,999

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7



Stereophotogrammetric Method of Measurement of Informations of Three-Dimensional Structures, by P. I. Polyakov, M. Z. Turanovskaya, 10 pp.

[illegible], per, Akademii Stroitel'stva i Arkhitektury SSSR. "Stroitel'naya Mekhanika i Inzhenernaya Seysmologiya", No 3, 1963, pp 7-11.

PL0001[illegible]

FTD-MT-66-24

Soil-Mechanical

Feb 68

350,602

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Special Analysis of Beryllium, by P.M. Polyakov,

RUSSIAN; per, Zavod Lab, No 11, 1957, pp 1320-1323

Primary Sources
SMF-1165

Sci - Min/Met
Jul 61

153, 454

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Spectroscopic Determination of Impurities in Vanadium Pentoxide, by P. M. Polyakov, A. K. Rusanov, 2 pp.

Full tr

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX, No 2, 1955, p 180. CIA C 42795

35,866 Columbia Tech Tr

Scientific - Physics, Min/Metals
Jun 56 CTS/Rex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

High-Mountain Forms of A. Sibirica in the Altai Region, by P. P. Polyakov.

RUSSIAN, UNKNOWN, Vol XVI, No 5/6, 1931, pp 473-478.

*PL-480

Sci-Earth Sci & Astron
April 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Hardness of Certain Niobium-Base Alloys at Elevated Temperatures, by I. I. Kornilov, R. S. Polyakov, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol X, No 2, 1961, pp 170-172. 9670764

FTD MCI-945/1

Sci - Min/Metal

1 Sept 61

165, 899

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Influence of Manganese and Molybdenum on the Solubility of Carbon in Alpha-Iron and the Kinetic Process of the Precipitation of Carbon From Alpha-Iron in the Presence of Manganese and Molybdenum, by S. N. Polyakov, K. F. Starodubov, 11 pp.

RUSSIAN, par, Fiz Metal i Metallov, Vol VI, No 6, 1958, pp 1110-1121.

Pergamon Press

Sci
Jun 60

117,972

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

B-5015

(2169(a)-D).

Engineering-Geological Characteristics of the Valley of the Lower Ob' River, by S. S. Polyakov, Ye. M. Sergeyev, 12 pp.

RUSSIAN, Mer, Mezh Dok Vyssheg Shkoly Geol Geograf Nauk, No 1, Moscow, 1958, pp 124-132.

JPRS L-1581-D

Soil - Geophys, Engineering Geology

Apr 59

84, 819

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Masonry in Framed Buildings: An Investigation Into the Strength and Stiffness of Masonry Infilling, by S. V. Polyakov.

RUSSIAN, bk.

HLL (Loan)

243,588

Sci
Nov 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(Acc. P39).

Ernst Thalmann Tractor Works, by V. Polyakov,

RUSSIAN, np, Sel'skaya Zhizn', 25 Jan 1961, pp 3.

*JPRS

EEur - Rumania

Econ - Manufacturing, Tractors

25 Apr 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(MY-2950).

S-5390

A Film Made of Rapidly Solidifying Liquid Plastic for Primary Covering of Burns, by V. A. Polyakov, 7 pp.

RUSSIAN, per. Khirurgiya, No 7, 1959, pp 13-16.

JPRS-L-1006-N

Sci - Med - Surgery
Oct 59

98,858

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(NY-4881)

S-572/60

Radiation Burns, by V. A. Polyakov, 23 pp.

RUSSIAN, per, Khirurgiya, Vol XXVI, No 6, 1960, pp 98-104.

JPRS 5769

Bnl - Rad

Oct 60

128,984

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Physico-Chemical Investigation of the Fused $AgNO_3$-HgI_2 System, by V. D. Polyakov,

RUSSIAN, per, Iz Sektora Fiz Khim Anal Inst Obshch Neorg Khim Ak Nauk SSSR, Vol XXVI, 1955, pp 191-197.

AEC Tr 2481

Sci - Chemistry 36,589

Jul 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polyakov, V. D.
DOUBLE DECOMPOSITION IN ABSENCE OF SOLVENT. LIV. A QUATERNARY MUTUAL SYSTEM OF FLUORIDES, CHLORIDES, AND BROMIDES OF SODIUM AND POTASSIUM, Na, K|F, Cl, Br (Obmennoe Razlozhenie v Otsutstvii Rastvoritelya. Stat'ya LIV. Chetvertaya Vzaimnaya Sistema iz Ftoristykh, Khloristykh i Bromistykh Solei Natriya i Kaliya, Na, K|F, Cl, Br). [1963] [49p] 28refs
Order from OTS, SLA, or ETC $4.60 TT-63-20766

Trans. of Akad[emiya] Nauk SSSR. Sektor Fiziko-Khimicheskogo Analiza. Izvestiya, 1940, v. 13, p. 299-320.
Another trans. is available from SLA as RT-955, 33p.

DESCRIPTORS: *Thermochemistry, *Fused materials, *Salts, *Sodium compounds, *Potassium compounds, *Fluorides, *Chlorides, *Bromides, Decomposition, *Phase studies, Chemical equilibrium, Calorimetry. (Chemistry--Physical, TT, v. 11, no. 4)

TT-63-20766

I. Polyakov, V. D.
II. Title: Quaternary...
III. Title: Chetvertaya...
IV. RT-955

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Physico-Chemical Investigation of the Fused $AgNO_3$-KNO_3 System, by V. D. Polyakov, 16 pp.

RUSSIAN, par, Is Sektora Fiz Khim Anal Inst Obshch Neorg Khim Ak Nauk USSR, Vol XXVI, 1955, pp 147-155.

AEC Tr 2480

36,588

Sci - Chemistry

Jul 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Double Decomposition in Absence of Solvent. Part LIV. A Quaternary Mutual System of Fluorides, Chlorides, and Bromides of Sodium and Potassium, Na, K||F, Cl, Br, by V. D. Polushkov, 33 pp.

RUSSIAN, per, Iz Sek Fiz-Khim Anal Inst Obshch i Neorgan Khim, Vol XIII, 1940, pp 299-320.

Sci Trans Center RT-955

14, 044

Scientific - Chemistry
CTS/DEK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Preparing Rubidium and Cesium by Reducing Their Chlorides, by V. D. Polyakov, A. A. Fedorov, 8 pp.

RUSSIAN, pur, Zhur Prik Khim, Vol XIII, 1940, pp 1833-1838.

LC or SLA 59-10007

Sci - Chemistry
Feb 59

1.80

82,005

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Nickel and Chromium Plating of Tungsten Filaments, by V. D. Polyakov, 9 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol IX, 1936, pp 1033-1037.

AEC Tr 1704

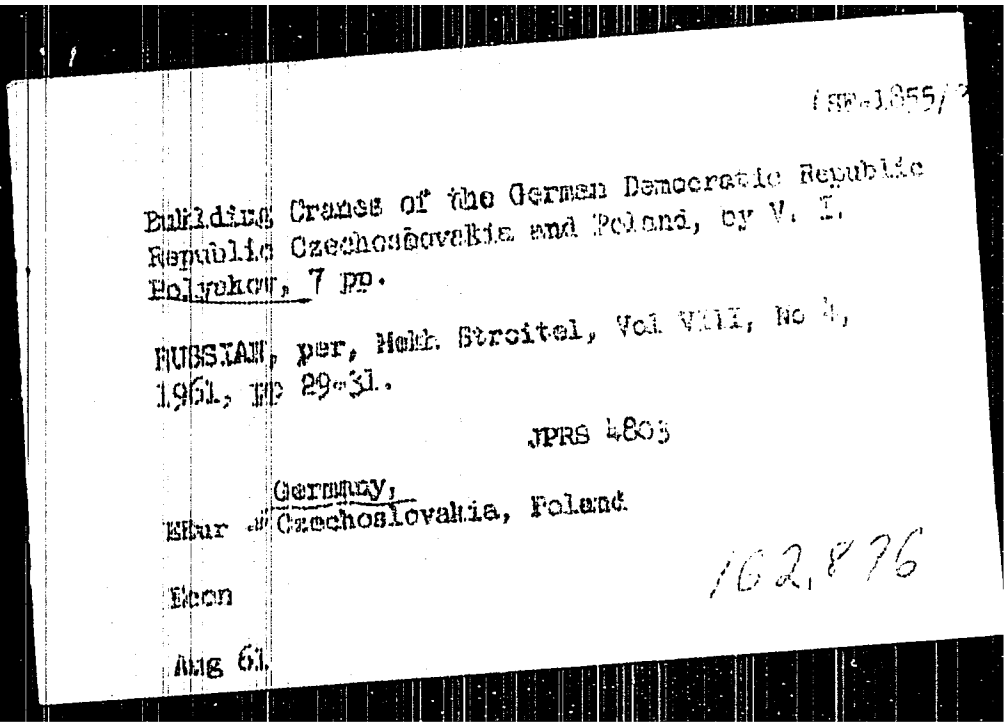
Scientific - Chemistry

CTS/DEX

7311

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7



(SW-1855/2

Building Cranes of the German Democratic Republic Czechoslovakia and Poland, by V. I. Polyakov, 7 pp.

RUSSIAN, per, Mekh. Stroitel, Vol VIII, No 4, 1961, pp 29-31.

JPRS 4805

Germany,
Ebur Czechoslovakia, Poland

Econ

102,876

Aug 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Combat Employment of Guided Rocket Missiles, by V. K. Polyakov, 4 pp.

RUSSIAN, per, Vest Vos Flot, No 9, 1959, pp 92-. 653985

Atic

Sel

May 60

115224

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Investigation of the Effect of Vessel Walls on the Oxidation Kinetics of Propane-Butane Mixture, by V. V. Shalya, V. M. Polyakov, 7 pp.

RUSSIAN, por, Ukrainskiy Khim Zhur, Vol XXIV, No 4, 1958, pp 453-458.

OTS 60-16552

Sol
Mar 62
Vol 4, No 4

181, 755

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Transistor Comparison Devices, by V. M. Polyakov, 3 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 5, 1960, pp 673-675.

Instru Soc of Amer

Sci

Apr 60

112,545

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Efficiency of 56-12st Bits, by V. E. Polyakov, V. N. Karpov, 5 pp.

RUSSIAN, per, Neftyanoye Khoz (USSR), Vol XXXVI, No 5, 1958, pp 19-22.

Assoc Tech MR
USSR

Sci Engineering
Apr 59
OMB, V. I, No 5

86,182

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Drilling Experiment With Sectional Turboborer, by V. N. Polynkov.

RUSSIAN, per, Neft Khoz, Vol XI, 1957, pp 49, 50.

Tech and Com

Sci - Engr

Apr 58

62,213

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(2235-M)

The Effect of General Irradiation by X-rays on the Restoration of Serum Proteins in Dogs After Hemorrhage, by V. M. Rodionova, V. D. Ushenskaya, O. G. Zamyatkina, T. Grunt, and V. P. Polyakov, 10 pp.

RUSSIAN, per, Voprosy Med Khim, Vol. IV, No 5, 1958, pp 327-330.

JPRS L-690-M

Bel - Med, Radiobiology
Mar 59

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Petrochemical Characteristics and Associations of Accessory Minerals in Nepheline Syenites of the Differentiated [redacted] Complex of the Lovozero Alkalic Massif, by Volkov, V. P., Polyakov, A. I., 11 ¾ pp.

RUSSIAN, per, Geokhim, No 8, 1961.

Geochem Soc

Sci

Oct 62

216,309

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

On the Diagnosis of Psychopathies, by V. P. Polyakov

RUSSIAN, mo per, Voyenno Med Zhur, No 11, Moscow, Nov 1958, p 82

US JPRS 1249-N

Libr - Med

Feb 59

81,541

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Purification of Diamine Oxidase by Electrophoresis
by V. D. Uspenskaya, E. V. Goriachenkova, Z. G. Mogilevskaya, V. P. Polyakov, 7 pp.

RUSSIAN, per, Biokhim, Vol XXIII, No 2, 1958, pp 212-219

Consultants Bureau

Sci - Chem
Jan 59

78,393

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Certain Problems of the Mechanism of Shedding
Work of Chiools, by V. S. Polyakov.

RUSSIAN, per, Mat. Khoz. Vol IX. 1957. pp 18-24.

Techand Corp
$60.00

Sci - Engr

Apr 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Hydraulic Resistance of Steam-Water Flow in Vertical Unheated Pipes, by S. I. Kosterin, V. V. Polyakov, et al., 7 pp.

RUSSIAN, per, Dokh Fiz Zhur Akad Nauk Belorussk SSR, Vol V, No 1, 1962, pp 3-10. 9208775

AEC-Tr-5760

Sci - Nucl Sci

Jul 63

235,683

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(DC-4400/4)

A Valuable Work on the History of Soviet Kazakhstan, by M. Gabdullin, M. Kim, Yu. Polyakov, 11 pp.

RUSSIAN, per, Kommunist, No 14, Sep 1960, pp 116-121.

JPRS 6500

USSR

137,720

Pol
Jan 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Temperature and Energy Characteristics of Ion-Exchange Reactions in the Soils, by Yu. A. Polyakov.

Dok ak Nauk

RUSSIAN, bk, Mezhdunarodnomu Kongressu Pochvovedov. 2d. Komissia -- Khimiia Pochv, 1956, pp 187-197. CIA 9004386

USDA

47, 239

Soi - Geophysics
Apr 1957 CTS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Problem of "Contamination" of Soils and Crops With the Products of Radioactive Fission, by Yu. A. Polyakov, N. S. Germogenova, 34 pp.

RUSSIAN, mo per, Pochvovedeniye, No 8, Aug 1956, pp 57-73. CIA 9010525

USDA 49,012

Sci - Geophysics
Jul 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Problem of "Contamination" of Soils and Crops With the Products of Radioactive Fission. (A Survey of the Principal Literary Data, by Yu. A. Polyakov, N. M. Germogenova, 35 pp.

RUSSIAN, per, Pochvovedenie, No 8, 1956, pp 57-73.

AEC NP 143

Sci - Biol

Dec 58

78,238

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Analysis of the Material on Fatal Outcomes in Acute Appendicitis, by A. Z. Amelin, Ya. F. Polymkov, and N. I. Nikitina

RUSSIAN, no per, Voyennoe Med Zhur, No. 11, Moscow, Nov 1957, pp 37 - 40

US JPRS/NY-289

60,609

Lei - Med

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Current Foreign Shell-Moulding Practice, by Ya. G. Polyakov, 3 pp.

RUSSIAN, Per, Lit Proiz, No 4, 1961, pp 45-47.

BCIRA

Sci

11 Oct 61

170,356

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(SP-1875/9)

General Questions in the History of Soviet Historiography, by M. Nechkina, Yu. Polyakov, L. Cherepnin, 15 pp.

RUSSIAN, per, Kommunist, No 9, 1961, pp 58-70.

JPRS 10233

USSR

170, 448

Pol

Oct 61

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Use of Deuterium to Study the Movement of Surface and Underground Water,
by Yu. A. Polyakov, V. A. Rozin, 6 pp.
RUSSIAN, per, Pochvovedeniye, No 11, 1963,
pp 97-103.

Scripta Technica

Sci
Oct 64

268,196

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

A-182/63

On the Problem of Sr^{90} Fallout in the Medium Latitudes of the USSR, by Yu. A. Polyakov, A. M. Leont'yev, 9 pp.

RUSSIAN, per. Pochvovedeniye, No 11, 1962, pp 45-50.

XXXX
FDD/NY-9059

Sci - Biol & Med
Mar 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polyakov, Yu. A.
THE ADSORPTION OF STRONTIUM AND CALCIUM IONS BY SOILS (O Poglosheheni Ionov Stronstiya i Kaltsiy Pochvami), tr. by Ivan Mittin. 1962 [12]p. 19 refs.
Order from CTS or SLA $1.60 63-13871

Trans. of #Kolloidnyi Zhurnal (USSR) 1959, v. 21, no. 2, p. 221-225.

DESCRIPTORS: *Strontium, *Calcium, *Ions, *Adsorption, *Sorption, *Radioactive isotopes, *Soils, Exchange reactions, Ion exchange, Equations, Thermodynamics.

With the aid of the method using radioactive isotopes, the exchange adsorption of strontium and calcium ions on soils and clays was studied. Basic criteria of equilibrium were studied and principle thermodynamic
(Agriculture--Plant Cultivation, TT, v. 9, no. 12)
(over)

63-13871

I. Polyakov, Yu. A.
II. Geological Survey, Denver, Colo.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

A Method for Studying Heat Transfer in an Intermittent Gasdynamic Process, by Yu. A. Polyakov, Ye. A. Mit'kina, 14 pp

RUSSIAN, paper, Tezisy Dokladov i Soobshcheniy na Soveshchanii po Teplo i Massoobmenu, Minsk, AN Belorusskoy SSR. 9675863

FTD-TT-62-69

Sci - Phys
19 Mar 62

188,298

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Use of Interferometry in Soil Chemical Studies,
by Yu.A. Polyakov, N.S. Germogenova, 7 pp.

RUSSIAN, per Pochvovedeniye, No 12, 1960, pp 102-107.

AIBS

Sep

Mar 62

189,794

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Effect of Vacuum in the Cutting Zone Upon Ultrasonic Machining, by G. N. Borun, Z. I. Polyakov.

RUSSIAN, Vest. Mash., Vol XLIII, 1963, No 8, pp 74-76.

UB 6319

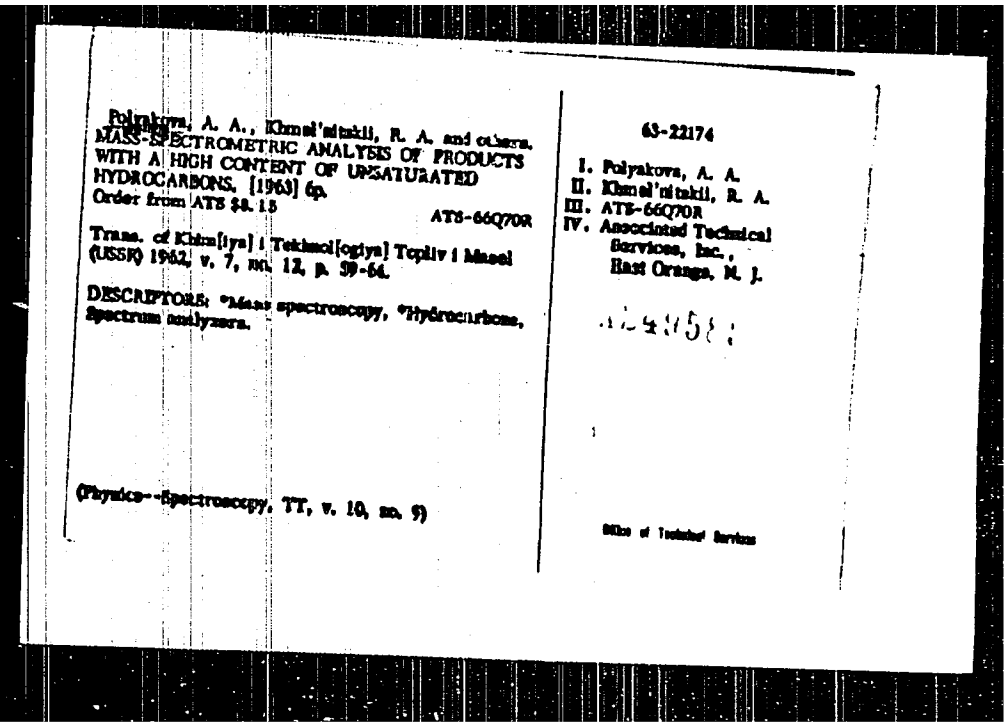
Sci-Engr

Nov 63

R43, 920

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7



Polyakova, A. A., Khmel'nitskii, R. A. and others.
MASS-SPECTROMETRIC ANALYSIS OF PRODUCTS WITH A HIGH CONTENT OF UNSATURATED HYDROCARBONS. [1963] 6p.
Order from ATS $8.15 ATS-66Q70R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1962, v. 7, no. 12, p. 59-64.

DESCRIPTORS: *Mass spectroscopy, *Hydrocarbons, Spectrum analyzers.

(Physics--Spectroscopy, TT, v. 10, no. 9)

63-22174

I. Polyakova, A. A.
II. Khmel'nitskii, R. A.
III. ATS-66Q70R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Mass Spectra and the Structure Organic Compounds. VI. Mass Spectra of Alkenyl Vinylacetylenes, by A. A. Polyakova, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11, 1961, pp 3515-3520

CB

Sci

Aug 62

213,129

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Mass Spectra and the Structure of Organic Compounds. VIII. Mass Spectra of Some Allene Hydrocarbons Containing t-Butyl Groups, by A. A. Polyakova, R. A. Khmel'nitskiy, et al, 6 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 8, 1963, pp 2513-2524.
CH

Sci
Aug 64

263,792

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Mass Spectra and Structure of Some Allenes, by A. A. Polyakova, K. I. Zimina, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960, pp 2977-2982.

CB

Sci

Oct 61

170,708

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Mass-Spectrometric Method for Determination of Five- and Six-Membered Naphthene Hydrocarbons in Gasolines, by A. A. Polyakova, R. A. Khmel'nitskiy, 4 pp

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 7, 1961, pp 1569-1572.

CP

Sci

May 62

195,978

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

c Mass-Spectroscopic Investigation of Some Homologs of Tetrahydrothiophene, by K. I. Zimina, A. A. Polyakova, R. A. Khmel'nitskiy, 5 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 4, 1960, pp 1264-1268.

CB

Sci
May 61

154,031

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Destructive Hydrogenation of n-Heptane and of n-Hexadecane in the Presence of a Nickel Catalyst, by M. D. Tilicheyev, A. A. Polyakova, 10 p.

RUSSIAN, per, Khimiya i Tekhnologiya Topliv i Masel, 1958, Vol XII, No 1, pp 40-46.

SLA 59-17421

Sci
Feb 60
Vol 2, No 9

107044

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Fastening of Rubber to Metal With the Aid of the Products of Oxidation of Rubber, by B. A. Dogadkin, A. D. Poyarkova, 13 pp. . .

RUSSIAN, per, Kauchuk i Rezina, No 2, 1963, pp 32-36. 9690145

FTD-TT-63-831

Sci - Chem
Jan 64

248,438

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Propagation of Finite Disturbances in a Relaxing Medium, by A. L. Polyakova, S. I. Soluyan, 5 pp.

RUSSIAN, per, Akust Zhur, Vol VIII, No 1, 1962, pp 107-112.

AIP
Sov Phys - Acoustics
Vol VIII, No 1

Sci

Oct 62

214,401

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Nonlinear Effects in a Solid, by A. L. Polyakova, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol VI, No 1, 1964, pp 65-70.

Amer Inst of Phys
Sov Phys - Solid State
Vol VI, No 1

Sci-
Aug64

265,374

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Propagation of Finite-Amplitude Waves in Relaxing Media, by A. L. Polyakova, 4 pp.

RUSSIAN: Per, Akust Zhur, Vol VI, No 3, 1960, pp 356-359.

AIP
Sov Phys-Acoustics
Vol VI, No 3

195,475

Lav 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Thermodynamic Theory of the Absorption of Finite-Amplitude Sound in Relaxing Media, by A. L. Polyakova, 6 pp.

RUSSIAN, per, Akust Zhur, Vol V, No 1, 1959, pp 85-90.

AII
Sov Phys-Acoustics
Vol V, No 1

195,525

May 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

47

Polymerization of Acetylene Compounds under Pressure. Part I. Polymerization of Phenylacetylene, by V. V. Korshak, A. M. Polyakova, M. P. Suchkova.
RUSSIAN, per, Vysokomolekulyarnye Soedineniya, Vol 2, 1960, pp. 1246-8.
NTC 69-11549-07C

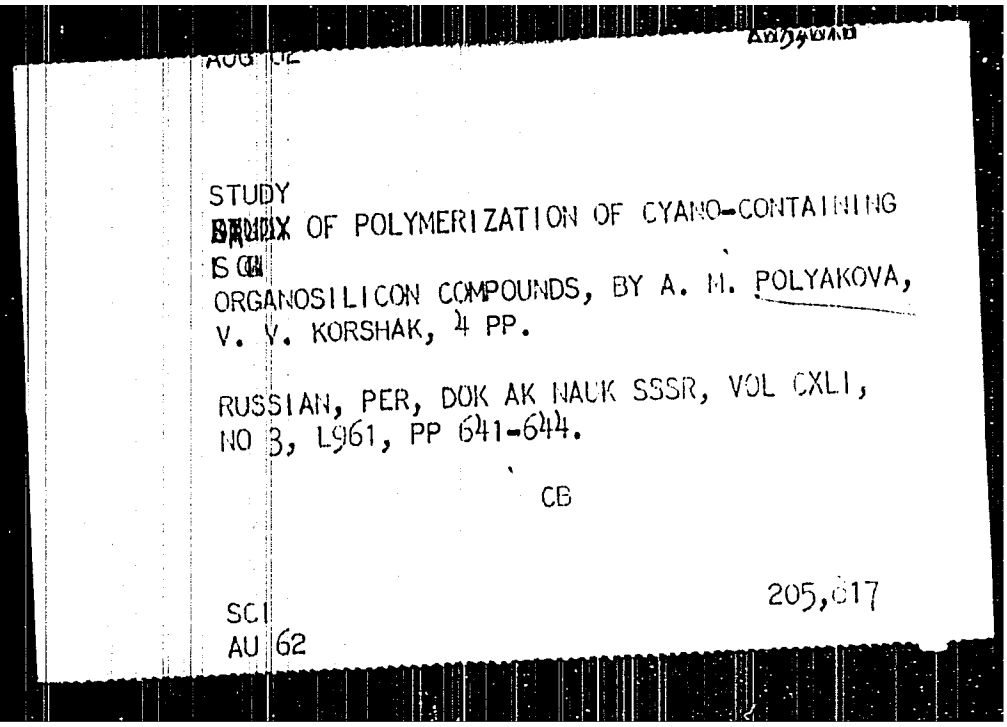
A. M. Polyakova

Sci-Chem
July 69

386,625

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7



AUG 62

STUDY OF POLYMERIZATION OF CYANO-CONTAINING ORGANOSILICON COMPOUNDS, BY A. M. POLYAKOVA, V. V. KORSHAK, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3, 1961, PP 641-644.

CB

205,617

SCI
AU 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization of p-Triethylstannyl-α-Methylstyrene, by V. V. Korshak, A. M. Polyakova, E. S. Tambovtseva, 3 pp.

RUSSIAN, pub. Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1959, pp 742, 743.

CB

Sci -
May 61.

152, 750

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

11 743/L/m US-3

POLYAKOVA A. M., SMIRNOV L. V., SADOVSKII V. D

The influence of aluminum on the tendency of steel to produce a stone-like fracture

p. 304-315 of "Metallurgiya i metallovedenie"
Publishing House of the Academy of Sciences, Moscow, 1958

NP-tr-448. (See also ref. 11 743) - English

E u r a t o m

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Effect of Pressure on the Polymerizability of Ar-
Substituted α-Methylstyrenes. Communication 1.
Polymerization of p-Substituted α-Methylstyrenes
Under Pressure, by V. V. Korshak, A. M. Polyakova,
I. M. Stoletova, 6 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8,
1959, pp 1471-1476.

CB

Sci
May 61

152,770

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Effect of Pressure on the Polymerizability of Ar-Substituted α-Methylstyrenes. Communication 2. o-Substituted α-Methylstyrenes, by V. V. Korshak, A. M. Polyakova, I. M. Stoletova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1959, pp 1477-1479.

CB

Sel
May 61

152,771

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Mechanism of the Polymerization of Alkenylsilanes Containing Silicon-Attached Hydrogen, by V. V. Korshak, A. M. Polyakova, V. F. Mirinov, et al, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1959, pp 1116-1125.

CB

Sci

Jun 61

157,920

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization of Hexafluoro-1,3-Butadiene, by V. V. Korshak, A. M. Polyakova, M. D. Sachkova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1959, pp 1111-1115.

CB

Sci

Jun 60

157,918

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Reaction of Acetylene With Siloxanes and Silanes Containing Silicon-Attached Hydrogen, by A. M. Polyakova, M. D. Suchkova, V. M. Vdovin, V. F. Mironov, V. V. Korshak, A. D. Petrov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1959, pp 2257-2260.

CB

Sci
Oct 60

130,839

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Influence of Aluminum on the Tendency of Steel to Produce a Stone-Like Fracture, by A. M. Polyakova, L. V. Smirnov, V. D. Sadovskiy,

SUBSIIE, Sb. Metallurgiya i Metallovedeniye, 1958, pp 324-335.

Sci - Min/Met
27 Oct 60

130,792

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization and Copolymerization of Unsaturated Siliconorganic Compounds. n-Trialkylsilylstyrenes, by V. V. Korshak, A. M. Polyakova.

RUSSIAN, pur, Ak Nauk SSSR Dok, Vol CXIX, No 2, 1958, pp 282-284.

C.S.I.R.O.

Sci

May 60

115 738

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization of Vinylaromatic Organosilicon Compounds. Derivatives of α-Methylstyrene, by V. V. Korshak, A. M. Polyakova, A. A. Sakharova, A. D. Petrov, E. A. Chernyshev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 4, 1959, pp 791-793.

Consultants Bureau

119,496

Sci

Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization of Unsaturated Organogermanium Compounds, by V. V. Korshak, A. M. Polyakova, A. D. Petrov, V. F. Mironov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 3, 1957, pp 436-438.

Consultants Bureau

Sci - Chemistry
Jul 58

66,762

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

The Polymerization of Unsaturated Organosilicon Compounds Under Pressure, by V. V. Korshak, A. M. Polyakova, A. A. Sakharova, A. D. Petrov, V. F. Mironov, V. G. Glukhovtsev, G. I. Nikishin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 9, 1957, pp 2465-2469.

Consultants Bureau

Ref - Chem
Oct 58

75, 160

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Polymerization of Vinyl and Allyl Compounds of Group IV Elements, by V. V. Korshak, A. M. Polyakova, V. F. Mironov, A. D. Petrov, 3 pp.

RUSSIAN, per, Iz, Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1959, pp 178-180.

Consultants Bureau

Sci - Chem

Apr 60

113,204

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

On the Interaction of Tetraalkyldihydridisiloxanes With Bifunctional Unsaturated Compounds, by V. V. Korshak, A. M. Polyakova, V. M. Vdovin, V. F. Mironov, A. D. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 5, 1959, pp 960-963.

CB

127,747

Sci - Chem
Sep 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

On the Possibility of Simultaneous Vaccination Against Tularemia and Brucellosis, by V. G. Pilipenko, A. M. Polyakova, 2 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i Immunobiol, No 4, 1955, pp 52-57, Encl to IR-1182-57, 18 Feb 1957, AFOIN-1A1.

45, 5-35

AF 1074894

Sci - Medicine

Mar 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

On Stope-Like Fractures in Structural Steels,
by S. S. Nosyreva, A. M. Polyakova, 4 pp.

RUSSIAN, Gurice-mo per, Dok Ak Nauk SSSR, Vol CIII,
No 3, 1955, pp 605-608.

Morris D. Friedman
$3.50

Scientific - Min/Metals
Jun 56 CTB/dex

34,970

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

SAKOVSKII, V. D.
LEVINSON, R. M.
POLYAKOVA, A. M.

Doklady akademii nauk sssr, vol. 71, 1950, No. 2, pp. 299-301; 4 figures, 1000 words.

Electron-microscopic Investigation of the Austenite Decomposition in the Pearlite-Troostite Range.

Brutcher Trans, Order No. 2601, $2.00.

A6926

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

(FDD 27982)

On the Problem of the Possibility of Simultaneous Inoculation Against Tularemia and Brucellosis by V. O. Filipenko, A. M. Polyakova, 10 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidimiol, i Immunobiol, No 5, Moscow, May 1955, pp 9-14.

CIA/FDD U-8603

USSR
Sci - Medicine, immunology

37,795

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Study of the Effect of Pressure on the Polycondensation of the Methyl Ester of Glycine, by A. M. Polyakova, L. F. Vereshchagin, A. A. Sakharova, E. S. Tamovtseva, 5 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, USSR, Jan/Feb 1954, pp 142-145. CIA D 151104

Consultants Bureau

Scientific - Chemistry CTS 66/Mar 55

21,853

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Principles of Selection of Brucella Vaccine Strains, by Kh. S. Katymrova, A. M. Polyekova, L. V. Lukashova.

RUSSIAN, per, Vest Ak Med Nauk SSSR, Vol XIV, No 2, 1959, pp 42-49. CIA 9057152

USDA

Skl - Mkl

Aug 60

122,948

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7

Determination of the Transverse Relaxation Time of Nuclear Magnetic Moments, by S. D. Gvozdover, N. M. Pomerantsov, A. P. Poliakova, 4 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXVIII, 1955, pp 584-588. CIA C 40837

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics 31,426

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301630035-7